

METHOD OF INTERLACING FRAMES

ABSTRACT

A method of wireless communication. The method includes the step of transmitting at least one sub-frame associated with a first frame using at least a first wireless resource, such as a channelization code, a channelization tone and/or an allocated power transmit level. The method also includes the step of transmitting at least one sub-frame associated with a second frame. The sub-frame associated with the second frame may use at least a second wireless resource if a non-acknowledgement message associated with the first frame is received. However, if an acknowledgement message associated with the first frame is received, the sub-frame associated with the second frame may use at least the first and second wireless resources. Both first and second frames, and the sub-frames associated thereto may be assigned to a single user to reduce potential delay in real-time wireless services, such as voice, video or wireless gaming, for example.